

## TECHNICAL DATA SHEET

### FORTIS AD512 (Low foam) Polyurethane Construction Adhesive

<b>DESCRIPTION</b>	A single pack moisture curing polyurethane based adhesive.
<b>USES</b>	Bonding timber, concrete blocks, pavers and kerbing to concrete, timber and asphalt substrates Bonding recycled rubber based traffic control mouldings and safety matting to trafficable substrates.
<b>COLOUR</b>	Light Brown
<b>PACK SIZE</b>	14kg plastic pails and 600gm foil sausages
<b>FEATURES</b>	Low Foam Rapid cure Excellent bond strength Good wet grab and initial hold Suitable for intermittent immersion service in water once cured Low smell Designed to expand (high density foam) to maximise bond footprint
<b>SURFACE PREPARATION</b>	Concrete surfaces should be clean and sound. Contact Fortis for specific recommendations. Contractors should test lay a typical sample and do a destructive pull test to confirm adequate adhesion to a given substrate.
<b>MIXING RATIO</b>	Single pack. Cures by reaction with moisture from the atmosphere and the substrates.
<b>APPLICATION</b>	
<b>Foil Sausages:</b>	Massage sausage prior to use. Puncture sausage near end with a nail. Squeeze out as required. Aim for a 6mm diameter bead, at a spacing that allows for an effective footprint of 80% of the covered area once the overlay is bedded in. Fasten or weight to secure during cure.
<b>Pails:</b>	Trowel onto substrates with a suitable notched trowel. A good starting point is 5mm wide by 6mm high V notches at 25mm centres. For thinner sections which may “float” with foaming use 3 mm x 3 mm at 10mm centres. Consult Fortis for specific recommendations. Lay directly onto prepared glue with minimum of sideways movement. Remove excess promptly. Do not return

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mixed product to resin container. Fastening is recommended to secure during cure.

## TECHNICAL DATA

- Coverage Rate:** 1 ½ -2 m<sup>2</sup> per litre, dependent on end use.
- Cure Time:** Normally initial set in 4 hours, safe to traffic after 12 hours. Full cure 7 days.
- Working Time:** Approximately 30 minutes once applied, depending on ambient conditions.
- Shelf Life:** Six months in unopened containers. Opened pails may skin and this may be cut off and remaining product used.
- Clean Up:** Clean up frequently using Fortis polyurethane brush cleaner before product has set on equipment.

## SAFETY DATA

Please refer to Fortis Safety Data Sheet for Fortis AD512. Fortis AD512 is safe if good working practices and proper application equipment is used. Good industrial hygiene should be observed at all times - impervious gloves should be worn when handling adhesive.

## Disclaimer

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